

2009 SRPN Intraregional Production Zone

Entry	Selection No.	Pedigree	Source
1	Kharkof	Kharkof	check
2	Scout 66	Scout 66	check
3	TAM-107	TAM-107	check
4	Trego	Trego	check
5	KS05HW136-3	KS98HW518(93HW91/93HW255)//KS98H245(IKE/TA2460//*3T200)/TREG	KSU-HAYS
6	KS06HW46-3	KS98HW220-5-1(ARLIN/YUMA)/KS01HW162(TGO/BTY SIB)	KSU-HAYS
7	T163	93WGRC27/T811	Trio
8	T164	93WGRC27/T811	Trio
9	T165	TAM-107/T21	Trio
10	T166	T81/KS93U206	Trio
11	KS970093-8-9-#1-1	HBK1064-3/KS84063-9-39-3-4W//X960103	KSU-Man
12	KS06O3A~57-1	OVERLEY*3/AMADINA	KSU-Man
13	KS06O3A~58-1	OVERLEY*3/AMADINA	KSU-Man
14	KS020056TM~4-1	KS920709-B-5-2-2/TX00C5008	KSU-Man
15	OK05128	KS94U275/OK94P549 F4:11	OSU
16	OK04525	FFR525W/Hickok//Coronado F4:12	OSU
17	OK04111	2174*2/Jagger F4:12	OSU
18	OK04315	N563/OK94P597 F4:12	OSU
19	OK05212	OK95616-1/Hickok//Betty F4:11	OSU
20	NE05403	IN92823A1-1-4-5/NE92458	UNL
21	NE05426	W95-091 (=KS85-663-8-9//WI81-133/THUNDERBIRD)/AKRON	UNL
22	NE05496	KS95HW62-6 (=KS87H325/RIO BLANCO)/Hallam	UNL
23	NE06545	KS92-946-B-15-1=(ABI86*3414/JAG//K92)/Alliance	UNL
24	NE05430	IN92823A1-1-4-5/NE92458	UNL
25	CO03W054-2	KS96HW94//Trego/CO960293	CSU
26	CO03064-2	CO970547/Prowers 99	CSU
27	TX01V5134RC-3	TAM-200/JAGGER	Texas A&M
28	TX04V075080	JAGGER/TX93V5722//TX95D8905	Texas A&M
29	TX05A001614	X96V057/TX95V6214	Texas A&M
30	TX05A001639	X96V079/KS84W063-9-39	Texas A&M
31	TX05A001828	TX99U8618/Cutter	Texas A&M
32	TX05A001822	2145/X940786-6-7	Texas A&M
33	TX06A001263	TX97V3006/TX98V6239	Texas A&M
34	TX05A001398	NE93407/TX86V1115/4/T107//TX78V3620/Ctk78/3/TX87V1233	Texas A&M
35	CO04393	Stanton/CO950043	CSU
36	CO04499	Above/Stanton	CSU
37	AP00x0100-51	W95-301/W98-151	AgriPro North
38	Jackpot	W98-232/KS96WGRC38	AgriPro South
39	AP05T2413	(KS95U522/TX95VA0011)F1/Jagger	AgriPro South
40	AP06TA4520	Mason /Jagger	AgriPro South
41	AP06T3832	HBK0935-29-15/KS90W077-2-2/VBF0589-1	AgriPro South
42	NW04Y2188	MO8/REDLAND//KS91H184/3*RIO BLANCO	ARS-LNK
43	HV9W04-1186W	XH1881/98HW423	Westbred, Haven
44	HV9W04-1594R	KS89180B-2-1-1/CMBW91M02959T//JGR	Westbred, Haven
45	HV9W03-1596R	B1397-1/WGRC33	Westbred, Haven
46	HV9W05-1125R	00KSULR-73/G980039	Westbred, Haven



Hard Winter Wheat Quality Report 2009 SRPN-SHP

1 - Test weight	10	11 - Flour protein	8
2 - SKCS kernel weight	8	12 - Bake absorption	15
3 - Kernel weight SD	8	13 - Mixograph absorption	5
4 - SKCS kernel diameter	8	14 - Bake mix time	10
5 - Kernel diameter SD	8	15 - Mixograph mix time	5
6 - SKCS hardness	10	16 - Mixograph tolerance	5
7 - Hardness SD	8	17 - Dough weight	
8 - Flour yield	30	18 - Proof height	2
9 - Flour ash	10	19 - Loaf volume	20
10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
Kharkof	38.2	Very Poor	66.5	77.2	Very Good	100.0		2,4,8,
Scout66	57.4	Very Good	100.0	47.2	Poor	61.2		16,
TAM 107	51.5	Good	89.8	57.8	Very Good	74.9	1AL	3,5,16,
Trego	55.5	Very Good	96.7	37.9	Very Poor	49.1		10,16,
Tiger	55.3	Very Good	96.5	50.7	Poor	65.7		16,
KS06HW46-3	53.5	Good	93.2	72.6	Very Good	94.1		16,
T163	50.2	Poor	87.5	58.7	Average	76.1		11,13,
T164	50.0	Poor	87.1	46.4	Very Poor	60.1	1AL	15,
T165	52.0	Average	90.6	46.8	Poor	60.7	1AL	16,
T166	51.8	Average	90.3	46.2	Poor	59.9	1AL	5,16,21,
KS970093-8-9-#1-1	51.7	Average	90.1	48.4	Poor	62.7		16,
KS06O3A~57-1	51.2	Poor	89.3	76.5	Very Good	99.1		15,16,17,
KS06O3A~58-1	47.4	Very Poor	82.7	70.6	Very Good	91.5	1BL	8,16,20,
KS020056TM~4-1	51.2	Poor	89.3	70.9	Very Good	91.8		
OK05128	51.5	Average	89.8	63.3	Good	82.0		14,15,
OK04525	53.3	Good	92.9	38.5	Very Poor	49.8		9,10,16,
OK04111	51.8	Average	90.3	65.8	Good	85.3		9,16,
OK04315	52.8	Good	92.0	62.1	Good	80.5		16,
OK05212	52.4	Good	91.4	41.0	Very Poor	53.1		16,
NE05403	51.4	Average	89.6	50.1	Average	64.9		2,4,16,
NE05426	54.8	Very Good	95.5	66.8	Good	86.6		14,15,
NE05496	51.0	Poor	88.9	50.2	Poor	65.0		16,17,
NE06545	47.4	Very Poor	82.5	60.0	Average	77.8		1,14,15,
NE05430	51.9	Good	90.5	60.4	Good	78.3		16,
Snowmass	48.8	Very Poor	85.1	38.5	Very Poor	49.8		5,14,15,18,
CO03064-2	49.9	Poor	87.1	39.6	Very Poor	51.3		11,14,15,17,
TX01V5134RC-3	52.9	Good	92.2	45.4	Poor	58.8	1AL	10,13,18,
TX04V075080	45.8	Very Poor	79.8	75.0	Very Good	97.2		3,16,
TX05A001614	49.1	Very Poor	85.7	44.2	Very Poor	57.3	1BL	16,
TX05A001639	53.0	Good	92.3	66.8	Good	86.5		16,

Quality scores and ratings are calculated directly from the relative trait weightings (printed at the top of the page) and are applicable only to the nursery selected.



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6 - SKCS hardness	10	16 - Mixograph tolerance	5
7 - Hardness SD	8	17 - Dough weight	
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9 - Flour ash	10	19 - Loaf volume	20
10 - Milling score		20 - Volume regression	5
		21 - Crumb grain	25

ID	Milling Score	Rating	%	Baking Score	Rating	%	1RS	Trait Deficiencies
TX05A001828	57.2	Very Good	99.8	69.1	Good	89.6		
TX05A001822	55.7	Very Good	97.0	74.6	Very Good	96.6		16,
TX06A001263	47.7	Very Poor	83.1	71.7	Very Good	92.8	1AL	2,4,16,
TX05A001398	54.9	Very Good	95.7	49.6	Average	64.2		16,
CO04393	57.2	Very Good	99.7	57.3	Average	74.2		12,13,
CO04499	56.8	Very Good	99.1	51.0	Average	66.0		11,
SY Gold	51.6	Average	90.0	65.8	Good	85.2		
Jackpot	54.5	Good	95.0	71.9	Very Good	93.2		16,
AP05T2413	47.8	Very Poor	83.4	51.6	Average	66.9	1AL	1,9,16,
AP06TA4520	53.0	Good	92.4	63.6	Good	82.5		1,16,
Greer	51.0	Poor	88.9	55.5	Average	71.9		1,16,
NW04Y2188	48.3	Very Poor	84.2	37.7	Very Poor	48.9		16,19,20,
HV9W04-1186W	51.8	Average	90.3	46.0	Very Poor	59.6		2,4,16,
HV9W04-1594R	49.5	Very Poor	86.3	45.9	Poor	59.4	1BL	16,20,
HV9W03-1596R	51.9	Average	90.4	45.9	Poor	59.5		5,
HV9W05-1125R	49.8	Poor	86.8	39.6	Very Poor	51.3		16,

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Southern High Plains

LINE	Wt/Bu (lb)	SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS	Class	Distribution	
		(%)	(sd)	(mg)	(sd)	(mm)	(sd)				
								(sd)			
Kharkof	57.2	11.3	0.7	23.6	6.5	2.37	0.28	53 19	MIXED	15--23--26--36--03	
Scout 66	58.0	11.7	0.7	26.9	7.7	2.50	0.31	69 18	HARD	02--07--20--71--01	
TAM-107	58.1	11.5	0.5	30.9	10.0	2.61	0.38	70 18	HARD	01--08--16--75--01	
Trego	59.7	11.3	0.6	27.0	8.4	2.50	0.31	74 17	HARD	02--03--14--81--01	
KS05HW136-3	58.6	11.3	0.6	27.8	7.5	2.54	0.30	63 15	HARD	02--11--27--60--01	
KS06HW46-3	59.1	11.7	0.6	28.0	8.7	2.56	0.32	78 16	HARD	00--01--10--89--01	
T163	57.7	11.7	0.5	29.3	8.6	2.59	0.33	59 21	HARD	08--17--30--45--02	
T164	57.0	11.4	0.7	27.5	8.0	2.54	0.32	66 19	HARD	05--08--21--66--01	
T165	58.7	11.7	0.6	26.1	7.5	2.47	0.30	67 18	HARD	03--08--18--71--01	
T166	58.4	11.7	0.6	27.3	7.8	2.52	0.36	74 15	HARD	00--03--12--85--01	
KS970093-8-9-#1-1	57.9	11.9	0.7	27.9	8.6	2.55	0.34	63 17	HARD	04--13--23--60--01	
KS06O3A-57-1	56.9	11.8	0.6	26.9	8.3	2.56	0.35	68 18	HARD	02--08--22--68--01	
KS06O3A-58-1	57.1	12.0	0.6	27.2	8.8	2.54	0.31	79 17	HARD	01--02--08--89--01	
KS020056TM-4-1	57.9	11.6	0.7	26.6	7.8	2.55	0.30	78 17	HARD	00--03--09--88--01	
OK05128	58.7	11.6	0.7	26.8	7.8	2.55	0.31	70 17	HARD	02--07--17--74--01	
OK04525	59.0	11.9	0.7	28.0	7.8	2.63	0.33	78 18	HARD	00--03--10--87--01	
OK04111	57.8	12.0	0.6	28.3	8.3	2.63	0.33	81 17	HARD	01--01--11--87--01	
OK04315	58.6	11.6	0.6	28.7	7.5	2.60	0.29	76 18	HARD	03--02--10--85--01	
OK05212	58.0	12.0	0.5	26.1	8.3	2.43	0.32	65 19	HARD	04--11--22--63--01	
NE05403	58.1	11.9	0.5	23.9	6.6	2.41	0.27	65 17	HARD	03--10--26--61--01	
NE05426	57.7	11.5	0.4	26.0	7.4	2.51	0.31	73 17	HARD	01--05--13--81--01	
NE05496	57.1	11.4	0.6	27.0	8.2	2.54	0.31	69 17	HARD	00--09--20--71--01	
NE06545	55.7	11.8	0.6	24.9	7.5	2.45	0.30	58 18	HARD	08--14--32--46--02	
NE05430	58.1	11.4	0.5	24.3	6.9	2.45	0.29	67 18	HARD	02--11--22--65--01	
CO03W054-2	57.5	11.9	0.5	27.7	8.4	2.56	0.35	82 18	HARD	00--02--07--91--01	
CO03064-2	56.7	11.9	0.4	26.1	7.8	2.46	0.30	75 16	HARD	01--05--11--83--01	
TX01V5134RC-3	58.7	11.8	0.4	27.0	7.4	2.56	0.33	85 17	HARD	00--02--06--92--01	
TX04V075080	57.0	11.8	0.4	30.3	9.4	2.57	0.33	59 17	HARD	06--15--29--50--02	
TX05A001614	57.7	12.0	0.5	26.1	8.4	2.50	0.34	70 17	HARD	01--06--17--76--01	
TX05A001639	57.8	11.8	0.5	27.1	8.4	2.53	0.32	74 17	HARD	01--05--10--84--01	
TX05A001828	58.9	11.9	0.4	27.3	7.9	2.53	0.32	74 16	HARD	01--04--13--82--01	
TX05A001822	58.3	11.5	0.5	26.2	7.5	2.51	0.31	66 17	HARD	02--09--23--66--01	
TX06A001263	56.9	12.0	0.4	24.1	7.7	2.42	0.32	76 18	HARD	00--03--12--85--01	
TX05A001398	59.2	11.7	0.5	25.6	6.8	2.50	0.29	71 17	HARD	01--06--17--76--01	
CO04393	59.0	11.7	0.4	28.8	9.0	2.60	0.35	65 17	HARD	03--07--27--63--01	
CO04499	59.1	11.6	0.3	30.2	8.7	2.62	0.34	68 18	HARD	04--08--16--72--01	
AP00x0100-51	57.9	11.5	0.6	25.4	7.5	2.47	0.30	81 18	HARD	01--03--06--90--01	
Jackpot	57.5	11.3	0.5	29.1	8.3	2.63	0.34	73 16	HARD	01--04--19--76--01	
AP05T2413	56.0	11.6	0.5	26.4	7.7	2.49	0.31	70 17	HARD	02--05--16--77--01	
AP06TA4520	56.3	11.4	0.4	27.9	8.7	2.53	0.31	81 17	HARD	00--02--08--90--01	
AP06T3832	55.5	11.7	0.5	25.9	7.5	2.49	0.33	69 17	HARD	02--08--20--70--01	
NW04Y2188	57.0	11.7	0.5	27.1	8.6	2.51	0.29	57 18	HARD	09--20--29--42--02	
HV9W04-1186W	56.4	11.6	0.5	23.5	7.1	2.37	0.30	59 16	HARD	06--14--27--53--02	
HV9W04-1594R	56.8	11.7	0.5	24.4	7.2	2.45	0.30	83 17	HARD	00--03--07--90--01	
HV9W03-1596R	57.4	11.8	0.4	26.8	8.3	2.56	0.37	74 16	HARD	01--04--14--81--01	

LINE	Wt/Bu (lb)	SKCS Average Kernel						Hardness			
		Moisture		Weight		Diameter		SKCS		Class	Distribution
		(%)	(sd)	(mg)	(sd)	(mm)	(sd)	(sd)			
HV9W05-1125R	58.1	11.6	0.4	25.4	8.7	2.43	0.31	68	19	HARD	03--11--19--67--01

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Southern High Plains

LINE	Wheat		Flour			Noodle Color					
	Protein	Milling Yield	Ash	Protein	PPO	L @ 0	a @ 0	b @ 0	Delta L 24 hrs	Delta a 24 hrs	Delta b 24 hrs
	(%)	(%)	(%)	(%)							
Kharkof	16.9	62.4	0.44	15.5	0.623	80.14	-1.92	21.04	-15.32	1.71	2.69
Scout 66	14.9	70.6	0.40	14.0	0.613	79.44	-1.61	21.25	-13.38	1.10	2.24
TAM-107	14.5	68.1	0.41	13.1	0.574	79.21	-1.90	23.14	-14.56	1.49	2.44
Trego	16.6	68.6	0.42	13.8	0.684	80.64	-2.09	21.95	-13.41	1.64	2.95
KS05HW136-3	14.7	68.6	0.42	13.5	0.207	80.96	-2.15	21.58	-10.26	0.78	2.52
KS06HW46-3	15.2	66.8	0.43	13.9	0.774	80.98	-2.39	22.43	-15.09	1.62	0.43
T163	13.9	68.6	0.39	12.7	0.626	80.47	-2.01	21.87	-12.55	1.38	1.73
T164	15.6	67.6	0.40	14.1	0.645	80.04	-2.04	22.70	-12.23	1.98	-1.21
T165	14.3	67.4	0.40	13.2	0.563	80.84	-2.09	23.21	-12.28	1.11	2.06
T166	14.1	66.7	0.44	13.2	0.580	79.78	-2.19	25.42	-10.91	2.13	-0.09
KS970093-8-9-#1-1	14.9	68.7	0.44	13.9	0.606	80.15	-1.92	23.53	-12.65	2.00	-0.10
KS06O3A-57-1	16.4	68.6	0.43	15.6	0.577	80.79	-1.72	23.00	-12.99	1.66	0.43
KS06O3A-58-1	16.4	65.4	0.47	15.9	0.571	78.82	-1.41	24.43	-12.87	1.74	0.21
KS020056TM-4-1	15.4	66.5	0.45	14.4	0.541	78.62	-1.50	23.89	-11.27	2.13	-1.09
OK05128	15.2	66.4	0.40	14.0	0.234	80.55	-1.71	22.59	-11.36	1.07	2.46
OK04525	15.5	68.1	0.50	14.2	0.193	79.40	-1.48	22.96	-10.88	1.57	1.42
OK04111	15.4	67.3	0.49	14.5	0.600	79.56	-1.89	23.63	-12.34	2.31	-1.74
OK04315	16.2	67.1	0.47	15.1	0.548	80.61	-1.95	22.92	-12.09	2.15	-0.28
OK05212	15.2	69.2	0.39	14.1	0.587	80.20	-1.77	22.24	-12.49	2.08	-0.05
NE05403	14.7	67.6	0.43	13.6	0.671	80.08	-2.38	23.58	-11.76	1.63	0.64
NE05426	15.9	68.6	0.41	14.4	0.599	79.52	-1.49	22.09	-11.65	0.85	0.45
NE05496	15.2	67.6	0.42	14.0	0.716	79.06	-1.87	23.28	-13.86	1.37	1.32
NE06545	15.3	67.1	0.38	14.1	0.621	79.81	-1.98	24.00	-13.67	1.59	0.78
NE05430	14.7	68.3	0.44	13.6	0.696	81.44	-2.18	21.17	-15.03	1.62	2.90
CO03W054-2	14.6	66.1	0.47	13.3	0.781	82.38	-2.43	23.12	-14.43	1.34	2.17
CO03064-2	14.2	66.9	0.46	12.7	0.619	81.57	-1.47	20.19	-13.17	1.27	2.87
TX01V5134RC-3	14.8	66.5	0.47	13.2	0.713	79.58	-1.73	23.78	-14.20	1.26	1.83
TX04V075080	16.3	66.0	0.43	15.4	0.751	80.30	-1.41	21.44	-16.35	1.54	1.09
TX05A001614	15.3	67.5	0.47	14.6	0.563	78.25	-1.85	26.02	-13.59	1.68	-1.12
TX05A001639	15.4	69.1	0.49	14.2	0.628	79.14	-2.06	24.89	-13.96	1.63	0.83
TX05A001828	15.3	69.4	0.43	14.3	0.575	79.29	-1.99	24.27	-11.83	1.42	0.25
TX05A001822	15.2	69.4	0.40	14.2	0.563	81.36	-1.81	21.63	-16.10	1.64	4.18
TX06A001263	15.7	67.0	0.48	14.4	0.730	78.28	-1.56	23.15	-14.04	1.52	0.58
TX05A001398	14.7	67.9	0.42	13.5	0.733	80.10	-1.95	22.61	-11.10	1.58	0.34
CO04393	14.0	70.9	0.41	12.9	0.646	80.81	-2.22	24.25	-11.85	2.11	-0.46
CO04499	13.7	69.6	0.39	12.4	0.604	80.11	-2.56	24.57	-10.19	2.33	-1.04
AP00x0100-51	15.4	66.7	0.42	13.9	0.511	78.71	-1.84	24.14	-11.33	1.53	0.54
Jackpot	15.8	69.4	0.47	14.5	0.604	77.96	-1.33	23.34	-13.72	1.73	-1.04
AP05T2413	16.8	67.2	0.50	16.0	0.480	77.89	-1.67	24.52	-14.67	2.26	-1.48
AP06TA4520	15.9	68.9	0.48	14.1	0.525	79.55	-1.72	23.75	-15.33	2.15	1.35
AP06T3832	15.3	69.5	0.47	13.8	0.725	79.33	-1.80	23.79	-15.43	2.07	-1.35
NW04Y2188	15.7	67.8	0.40	14.6	0.707	79.58	-1.45	21.47	-14.40	1.83	-0.68

LINE	Wheat		Flour			Noodle Color					
	Protein	Milling	Ash	Protein	PPO	L @ 0	a @ 0	b @ 0	Delta L	Delta a	Delta b
	(%)	Yield							24 hrs	24 hrs	24 hrs
	(%)	(%)	(%)	(%)							
HV9W04-1186W	14.4	69.8	0.43	13.6	0.701	81.72	-2.25	22.19	-11.74	2.27	0.18
HV9W04-1594R	16.5	66.7	0.49	15.5	0.455	77.18	-1.24	25.69	-13.00	1.50	-2.76
HV9W03-1596R	15.0	67.9	0.44	13.7	0.599	78.43	-1.45	24.55	-11.56	1.76	-0.53
HV9W05-1125R	15.2	69.1	0.47	14.1	0.763	80.81	-1.92	20.88	-15.04	1.30	3.12

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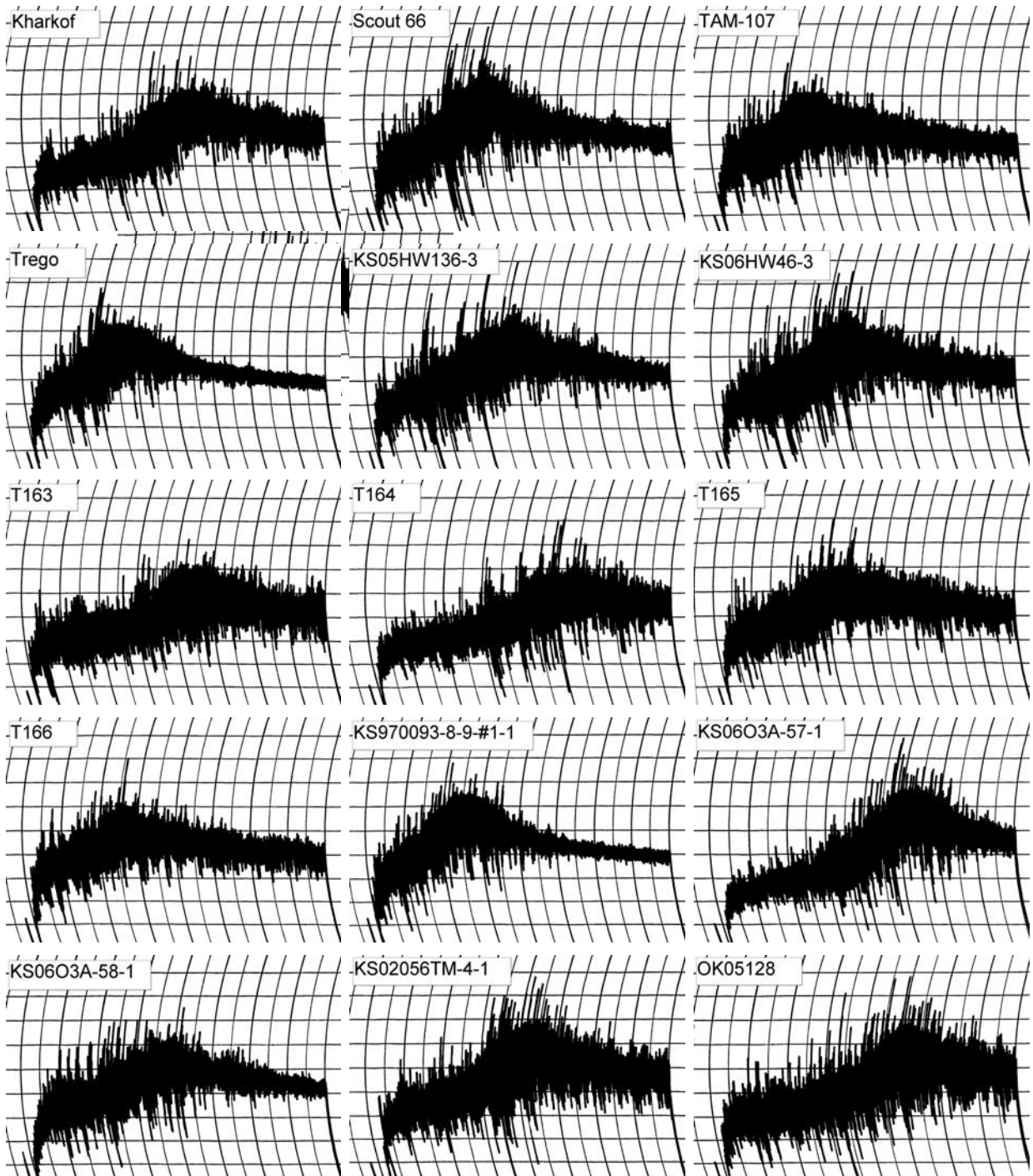
Southern High Plains

	Flour Protein	Mixograph			
		Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
Kharkof	15.5	66.7	4.38	4.38	4
Scout 66	14.0	66.2	3.00	3.00	2
TAM-107	13.1	64.8	2.50	2.50	2
Trego	13.8	65.9	2.50	2.50	0
KS05HW136-3	13.5	63.4	3.88	3.88	1
KS06HW46-3	13.9	66.1	3.50	3.50	2
T163	12.7	62.1	4.50	4.50	4
T164	14.1	66.4	5.50	5.50	3
T165	13.2	65.0	3.50	3.50	2
T166	13.2	64.9	2.63	2.63	2
KS970093-8-9-#1-1	13.9	66.2	2.50	2.50	0
KS06O3A-57-1	15.6	69.0	5.38	5.38	2
KS06O3A-58-1	15.9	66.4	4.00	4.00	0
KS020056TM-4-1	14.4	67.0	4.50	4.50	5
OK05128	14.0	66.3	5.38	5.38	5
OK04525	14.2	66.6	2.50	2.50	0
OK04111	14.5	67.1	2.88	2.88	1
OK04315	15.1	68.1	2.50	2.50	0
OK05212	14.1	66.3	2.38	2.38	1
NE05403	13.6	65.6	3.38	3.38	1
NE05426	14.4	67.0	7.25	7.25	6
NE05496	14.0	66.3	4.88	4.88	2
NE06545	14.1	66.4	5.50	5.50	5
NE05430	13.6	65.6	3.13	3.13	1
CO03W054-2	13.3	65.2	9.25	9.25	6
CO03064-2	12.7	64.1	0.50	0.50	5
TX01V5134RC-3	13.2	63.0	3.63	3.63	3
TX04V075080	15.4	68.7	3.50	3.50	2
TX05A001614	14.6	65.8	3.25	3.25	0
TX05A001639	14.2	66.6	4.13	4.13	2
TX05A001828	14.3	64.8	3.88	3.88	4
TX05A001822	14.2	64.6	3.38	3.38	2
TX06A001263	14.4	67.0	3.88	3.88	2
TX05A001398	13.5	64.4	3.38	3.38	0
CO04393	12.9	62.9	4.75	4.75	5
CO04499	12.4	63.6	4.00	4.00	4
AP00x0100-51	13.9	66.1	3.88	3.88	4
Jackpot	14.5	67.6	3.75	3.75	0
AP05T2413	16.0	69.7	2.75	2.75	2
AP06TA4520	14.1	66.5	3.63	3.63	1
AP06T3832	13.8	63.9	4.00	4.00	2
NW04Y2188	14.6	66.2	2.88	2.88	0

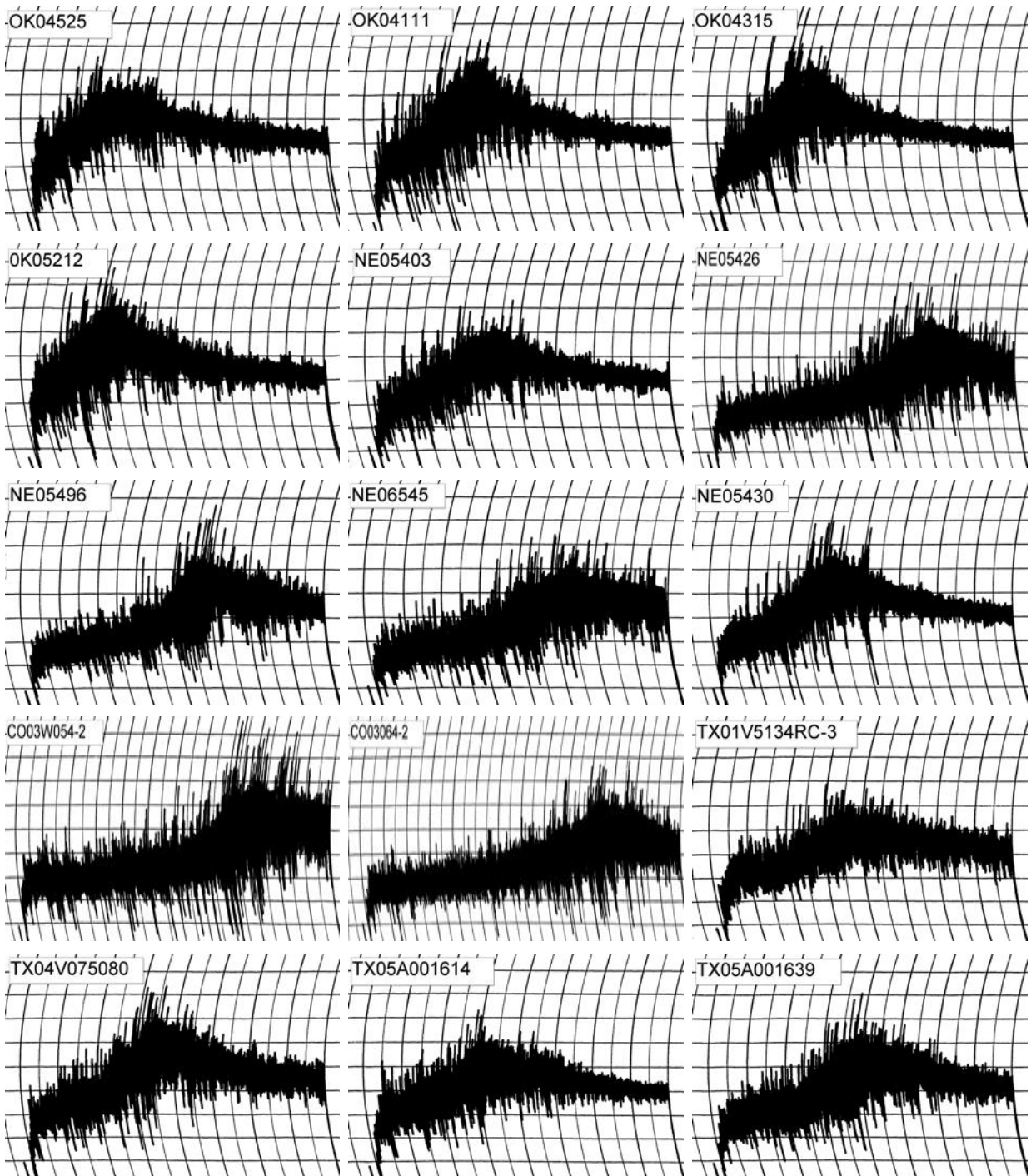
	Flour Protein	Mixograph			
		Absorption	As-Is	Corrected	Tolerance
Line	(%)	(%)	(min)	(min)	
HV9W04-1186W	13.6	63.6	3.38	3.38	0
HV9W04-1594R	15.5	67.3	3.63	3.63	0
HV9W03-1596R	13.7	63.8	3.00	3.00	3
HV9W05-1125R	14.1	66.5	2.50	2.50	0

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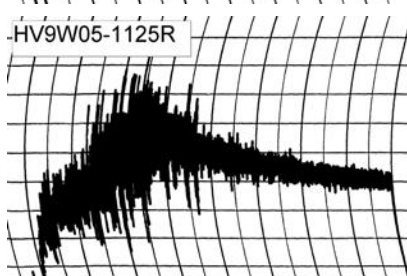
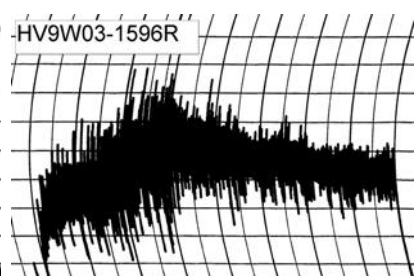
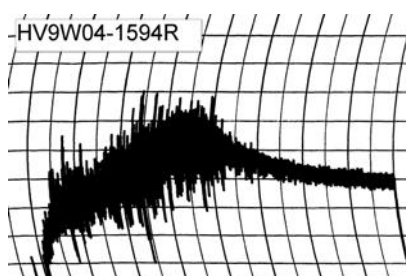
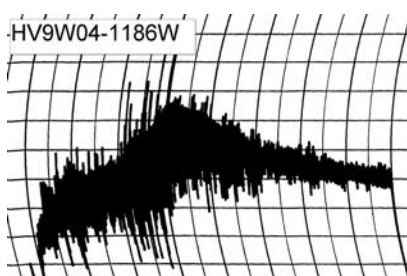
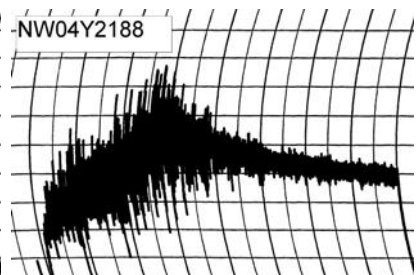
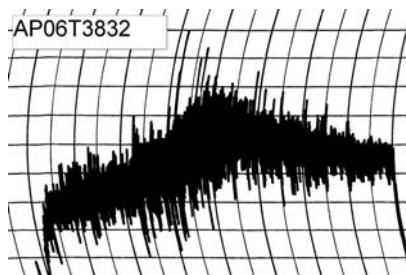
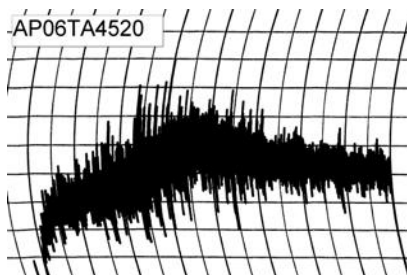
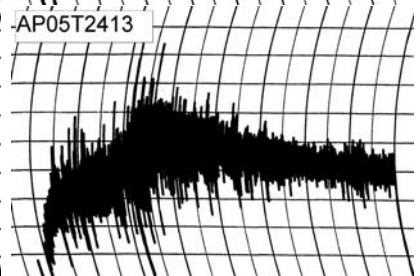
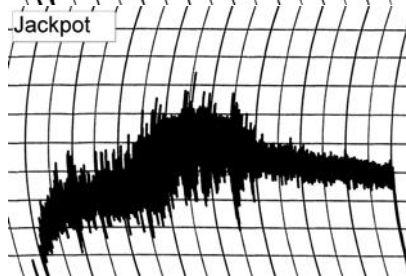
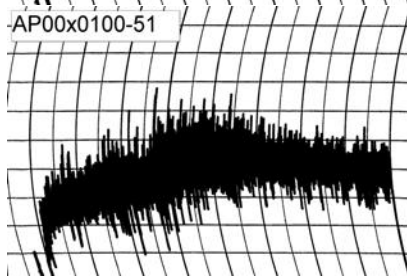
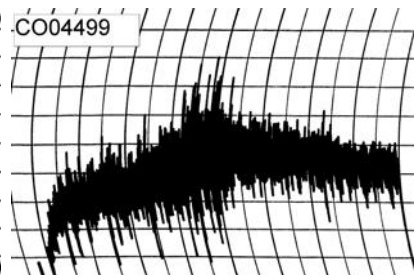
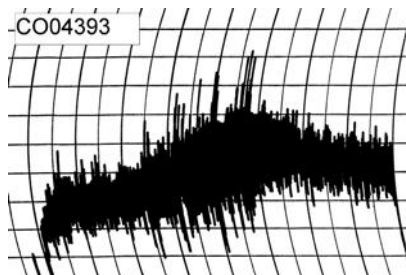
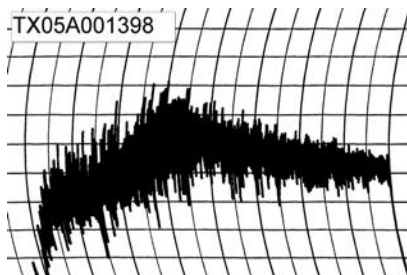
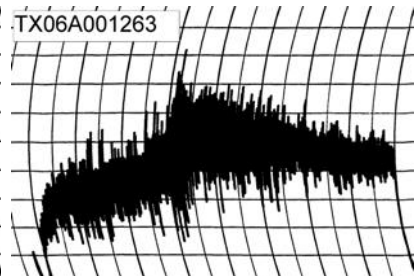
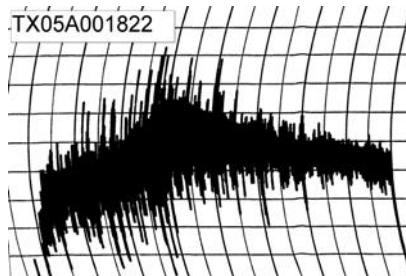
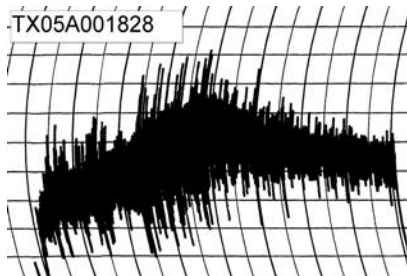


2009 SRPN Intraregional Production Zone Southern High Plains



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Line	RVA							
	Stirring Number	Peak Viscosity	Trough Viscosity	Breakdown	Final Viscosity	Set back	Peak Time	Pasting Temp
	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(RVU)	(min)	(Deg. C)
Kharkof	160.92	232.92	168.67	64.25	285.33	116.67	6.47	86.55
Scout 66	158.50	225.25	163.92	61.33	287.42	123.50	6.33	67.85
TAM-107	131.92	251.58	178.67	72.92	296.42	117.75	6.53	67.70
Trego	133.42	259.08	169.17	89.92	273.25	104.08	6.47	67.65
KS05HW136-3	156.42	248.25	146.58	101.67	243.67	97.08	6.27	66.85
KS06HW46-3	135.33	271.50	174.50	97.00	281.67	107.17	6.40	66.15
T163	136.92	274.42	187.58	86.83	313.75	126.17	6.47	66.15
T164	152.92	262.75	184.50	78.25	301.17	116.67	6.53	67.70
T165	134.00	246.58	174.58	72.00	298.42	123.83	6.40	67.75
T166	130.17	244.42	166.67	77.75	282.67	116.00	6.47	67.80
KS970093-8-9-#1-1	163.58	246.25	182.00	64.25	293.00	111.00	6.60	67.85
KS06O3A-57-1	136.25	242.00	169.00	73.00	284.00	115.00	6.47	67.75
KS06O3A-58-1	147.50	236.42	159.75	76.67	277.25	117.50	6.40	66.20
KS020056TM-4-1	157.67	222.92	166.00	56.92	274.00	108.00	6.53	67.70
OK05128	137.75	265.00	187.00	78.00	306.33	119.33	6.47	66.85
OK04525	135.33	234.92	157.67	77.25	262.83	105.17	6.40	66.15
OK04111	111.25	224.67	140.33	84.33	246.92	106.58	6.20	66.95
OK04315	125.58	212.25	145.25	67.00	261.58	116.33	6.20	66.20
OK05212	123.92	222.17	143.08	79.08	259.92	116.83	6.20	66.95
NE05403	123.08	251.50	168.33	83.17	271.08	102.75	6.47	67.75
NE05426	134.08	216.83	147.92	68.92	260.75	112.83	6.33	67.80
NE05496	119.83	260.83	162.17	98.67	263.92	101.75	6.33	66.95
NE06545	129.08	264.17	180.42	83.75	305.08	124.67	6.40	84.95
NE05430	150.42	247.67	179.25	68.42	280.92	101.67	6.60	67.85
CO03W054-2	141.83	224.08	158.75	65.33	269.50	110.75	6.40	67.70
CO03064-2	133.75	210.67	156.58	54.08	286.08	129.50	6.27	67.80
TX01V5134RC-3	125.25	211.50	146.33	65.17	264.00	117.67	6.27	66.90
TX04V075080	119.25	239.58	144.42	95.17	227.50	83.08	6.27	67.75
TX05A001614	140.92	221.58	145.25	76.33	232.17	86.92	6.47	66.85
TX05A001639	126.08	207.00	133.92	73.08	238.00	104.08	6.13	66.95
TX05A001828	138.42	263.67	165.67	98.00	266.67	101.00	6.33	67.80
TX05A001822	144.67	226.33	167.17	59.17	291.33	124.17	6.40	86.45
TX06A001263	101.25	191.83	90.75	101.08	170.50	79.75	6.00	66.95
TX05A001398	141.17	224.00	156.17	67.83	273.83	117.67	6.27	67.90
CO04393	123.08	267.33	169.00	98.33	274.08	105.08	6.40	67.70
CO04499	134.58	262.25	168.33	93.92	275.25	106.92	6.40	66.85
AP00x0100-51	145.67	217.67	156.42	61.25	284.42	128.00	6.27	86.55
Jackpot	147.83	237.42	169.50	67.92	284.58	115.08	6.53	67.05
AP05T2413	136.67	223.75	161.00	62.75	278.33	117.33	6.40	66.10
AP06TA4520	129.75	187.50	129.58	57.92	241.33	111.75	6.20	67.00
AP06T3832	135.58	232.50	153.75	78.75	266.08	112.33	6.33	67.80
NW04Y2188	135.58	207.17	151.58	55.58	267.75	116.17	6.33	86.50
HV9W04-1186W	114.83	217.00	141.08	75.92	253.75	112.67	6.20	86.55
HV9W04-1594R	134.75	197.50	138.00	59.50	243.33	105.33	6.33	66.85
HV9W03-1596R	143.58	219.50	153.67	65.83	264.50	110.83	6.40	87.25
HV9W05-1125R	133.08	228.50	165.67	62.83	289.17	123.50	6.33	66.20

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Line	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
Kharkof	15.5	66.3	5.50	5.50	175.6	8.3	5.0	1075	7.1	62
Scout 66	14.0	64.3	3.50	3.50	173.3	8.2	4.5	1030	6.8	66
TAM-107	13.1	63.5	3.50	3.50	173.0	8.1	4.0	1005	6.7	70
Trego	13.8	63.5	2.75	2.75	173.5	7.8	3.8	970	6.5	62
KS05HW136-3	13.5	64.6	5.25	5.25	173.7	8.1	5.5	1040	7.0	71
KS06HW46-3	13.9	65.5	4.13	4.13	175.1	7.8	5.0	1060	7.1	70
T163	12.7	63.7	6.25	6.25	173.2	7.8	4.0	990	6.7	71
T164	14.1	64.6	6.50	6.50	173.3	7.8	5.8	1060	7.1	69
T165	13.2	63.6	4.13	4.13	173.6	7.8	3.5	1000	6.8	69
T166	13.2	63.6	3.38	3.38	173.6	7.6	2.0	985	6.6	67
KS970093-8-9-#1-1	13.9	62.5	3.25	3.25	172.3	8.1	3.0	960	6.5	60
KS06O3A-57-1	15.6	66.5	5.50	5.50	170.5	8.3	5.0	1130	7.8	66
KS06O3A-58-1	15.9	67.4	5.00	5.00	176.5	8.5	4.0	1030	6.8	57
KS020056TM-4-1	14.4	67.7	6.00	6.00	176.6	8.1	4.0	1060	6.9	67
OK05128	14.0	67.6	7.88	7.88	176.2	8.1	4.0	1080	7.2	71
OK04525	14.2	63.7	3.00	3.00	173.5	8.0	3.5	955	6.4	59
OK04111	14.5	66.6	3.88	3.88	176.2	8.2	4.0	1045	6.9	65
OK04315	15.1	66.7	3.50	3.50	176.2	8.1	4.0	1015	6.7	59
OK05212	14.1	65.6	3.00	3.00	175.1	7.8	4.8	970	6.4	61
NE05403	13.6	65.5	4.13	4.13	174.5	8.3	3.5	1025	6.8	68
NE05426	14.4	64.5	8.25	8.25	173.3	8.3	5.0	1095	7.3	70
NE05496	14.0	66.5	6.00	6.00	170.2	8.0	3.8	1055	7.2	69
NE06545	14.1	64.4	7.50	7.50	172.9	7.8	5.0	965	6.4	60
NE05430	13.6	63.6	4.00	4.00	172.7	7.8	4.0	1000	6.8	66
CO03W054-2	13.3	64.3	13.50	13.50	171.6	7.5	3.5	975	6.5	65
CO03064-2	12.7	63.4	10.63	10.63	170.8	7.6	3.5	1040	7.1	76
TX01V5134RC-3	13.2	63.0	4.25	4.25	171.8	7.5	4.5	970	6.5	65
TX04V075080	15.4	67.5	4.38	4.38	176.3	8.0	4.0	1115	7.4	66
TX05A001614	14.6	64.3	3.75	3.75	173.5	7.6	2.5	975	6.5	58
TX05A001639	14.2	64.5	5.00	5.00	173.7	7.7	4.0	1025	6.9	65
TX05A001828	14.3	63.4	5.00	5.00	172.3	7.7	4.0	1050	7.1	66
TX05A001822	14.2	64.7	4.88	4.88	178.8	8.0	5.0	1080	7.3	70
TX06A001263	14.4	65.4	5.13	5.13	174.5	7.7	4.0	1090	7.3	69
TX05A001398	13.5	64.7	4.63	4.63	173.6	7.8	4.2	1030	6.9	70
CO04393	12.9	62.2	6.63	6.63	171.2	7.6	4.0	1000	6.8	71
CO04499	12.4	63.7	5.00	5.00	172.4	7.8	3.5	1015	6.9	76
AP00x0100-51	13.9	63.6	4.63	4.63	172.6	7.7	4.0	990	6.7	63
Jackpot	14.5	65.6	4.00	4.00	174.6	8.2	5.0	1040	7.0	64
AP05T2413	16.0	66.4	3.50	3.50	175.3	8.0	2.5	1050	7.0	58
AP06TA4520	14.1	65.6	4.00	4.00	174.7	8.0	4.0	990	6.5	62
AP06T3832	13.8	63.5	5.13	5.13	172.5	8.1	5.5	1130	7.7	77
NW04Y2188	14.6	63.5	3.13	3.13	172.7	7.7	3.5	920	6.1	54
HV9W04-1186W	13.6	63.6	5.00	5.00	173.0	7.7	4.8	980	6.5	64
HV9W04-1594R	15.5	63.5	3.75	3.75	172.5	7.9	3.8	980	6.6	54

Line	Flour		Mix Time		Dough					
	Protein	Water Abs.	As-is	Corrected	Weight	Proof Height	Crumb Grain	As-Rec'd.	Specific Volume	Loaf Volume Potential
	(%)	(%)	(min)	(min)	(g)	(cm)		(cc)	(cc/g)	(cc/%)
HV9W03-1596R	13.7	63.9	4.25	4.25	173.1	7.7	3.8	980	6.5	64
HV9W05-1125R	14.1	62.5	3.38	3.38	172.0	7.8	3.5	975	6.6	61